

SEQUENCE LISTING

<110> Haruo, Sugiyama

<120> Method of selecting patients suitable for WT1 vaccine

<130> 664590

<140> PCT/JP2004/009378

<141> 2004-06-25

<150> JP 2003-184436

<151> 2003-06-27

<150> JP 2004-070497

<151> 2004-03-12

<160> 22

<170> PatentIn Ver. 2.1

<210> 1

<211> 449

<212> PRT

<213> Homo sapiens

<400> 1

Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro

1

5

10

15

Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala

20

25

30

Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr

35

40

45

Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro

50

55

60

Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly

65

70

75

80

Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe

85

90

95

Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe

100

105

110

Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe

115

120

125

Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile

130

135

140

Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr

145

150

155

160

Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe

165

170

175

Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln

180

185

190

Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser

195

200

205

Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp

210

215

220

Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln

225

230

235

240

Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser
 245 250 255

Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu
 260 265 270

Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile
 275 280 285

His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
 290 295 300

Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys
 305 310 315 320

Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys
 325 330 335

Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro
 340 345 350

Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp
 355 360 365

Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln
 370 375 380

Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr
 385 390 395 400

His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys
 405 410 415

Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
 420 425 430

Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala

435

440

445

Leu

<210> 2

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 2

Cys Met Thr Trp Asn Gln Met Asn Leu

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<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
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<400> 3

Cys Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 4

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 4

Arg Met Phe Pro Asn Ala Pro Tyr Leu

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<210> 5

<211> 9

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Arg Tyr Pro Ser Cys Gln Lys Lys Phe

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<210> 6

<211> 9

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Ser Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 7

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

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Ala Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 8

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<223> Xaa at 1 position stands for Abu.

<400> 8

Xaa Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 9

<211> 9

<212> PRT

<213> Artificial Sequence

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Peptide

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Arg Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 10

<211> 9

<212> PRT

<213> Artificial Sequence

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Peptide

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Lys Tyr Thr Trp Asn Gln Met Asn Leu

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<210> 11

<211> 9

<212> PRT

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<223> Description of Artificial Sequence:Synthetic
Peptide

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Arg Tyr Phe Pro Asn Ala Pro Tyr Leu

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<210> 12

<211> 9

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Peptide

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Arg Tyr Pro Gly Val Ala Pro Thr Leu

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<210> 13

<211> 9

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Peptide

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Ala Tyr Leu Pro Ala Val Pro Ser Leu

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<210> 14

<211> 9

<212> PRT

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Peptide

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Asn Tyr Met Asn Leu Gly Ala Thr Leu

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<210> 15

<211> 9

<212> PRT

<213> Artificial Sequence

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Peptide

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Arg Val Pro Gly Val Ala Pro Thr Leu

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<210> 16

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 16

Arg Tyr Pro Ser Ser Gln Lys Lys Phe

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<210> 17

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 17

Arg Tyr Pro Ser Ala Gln Lys Lys Phe

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<210> 18

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic
Peptide

<223> Xaa at 5 position stands for Abu.

<400> 18

Arg Tyr Pro Ser Xaa Gln Lys Lys Phe

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<210> 19

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:PCR Primer

<400> 19

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<210> 20

<211> 45

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:PCR Primer

<400> 20

ggatcctggc tccatctca gggtagggg cttgggcaga ccctc

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<210> 21

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:PCR Primer

<400> 21

catatgatcc agcgtacccc gaaaattcag

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<210> 22

<211> 30

<212> DNA

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<223> Description of Artificial Sequence:PCR Primer

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ggatccttac atgtctcgat cccacttaac

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